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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/460,216

DATE: 12/31/1999
TIME: 02:47:14

INPUT SET: S34345.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANTS: Progenics Pharmaceuticals, Inc.

(ii) TITLE OF INVENTION: A Method For Preventing HIV-1
Infection of CD4+ Cells

(iii) NUMBER OF SEQUENCES: 27

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Cooper & Dunham LLP
- (B) STREET: 1185 Avenue of the Americas
- (C) CITY: New York
- (D) STATE: New York
- (E) COUNTRY: USA
- (F) ZIP: 10036

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: Not Yet Known
- (B) FILING DATE: Herewith
- (C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: White, John P.
- (B) REGISTRATION NUMBER: 28,678
- (C) REFERENCE/DOCKET NUMBER: 50875-F-PCT/JPW/AKC

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 212-278-0400
- (B) TELEFAX: 212-391-0525

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 38 nucleotides
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

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47
48 (ii) MOLECULE TYPE: oligonucleotide
49
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
51
52 CAAGGCTACT TCCCTGATTG GCAGAACTAC ACACCAGG 38
53
54 (2) INFORMATION FOR SEQ ID NO:2:
55
56 (i) SEQUENCE CHARACTERISTICS:
57 (A) LENGTH: 25 nucleotides
58 (B) TYPE: nucleic acid
59 (C) STRANDEDNESS: single
60 (D) TOPOLOGY: linear
61
62 (ii) MOLECULE TYPE: oligonucleotide
63
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
65
66 AGCAAGCCGA GTCCTGCGTC GAGAG 25
67
68 (2) INFORMATION FOR SEQ ID NO:3:
69
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH: 23 nucleotides
72 (B) TYPE: nucleic acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: linear
75
76 (ii) MOLECULE TYPE: oligonucleotide
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
79
80 GGGACTTTCC GCTGGGGACT TTC 23
81
82 (2) INFORMATION FOR SEQ ID NO:4:
83
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 33 nucleotides
86 (B) TYPE: nucleic acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
89
90 (ii) MOLECULE TYPE: oligonucleotide
91
92 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
93
94 CCTGTTCGGG CGCCACTGCT AGAGATTTTC CAC 33
95
96 (2) INFORMATION FOR SEQ ID NO:5:
97
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 60 amino acids

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100 (B) TYPE: amino acid
101 (C) STRANDEDNESS: Not Relevant
102 (D) TOPOLOGY: Not Relevant
103
104 (ii) MOLECULE TYPE: protein
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
107
108 Pro Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys
109 1 5 10 15
110
111
112 Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe Val
113 20 25 30
114
115
116 Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg
117 35 40 45 50
118
119
120 Glu Tyr Ile Asn Ser Leu Glu Met Ser
121 55 60
122
123
124
125 (2) INFORMATION FOR SEQ ID NO:6:
126
127 (i) SEQUENCE CHARACTERISTICS:
128 (A) LENGTH: 36 nucleotides
129 (B) TYPE: nucleic acid
130 (C) STRANDEDNESS: single
131 (D) TOPOLOGY: linear
132
133 (ii) MOLECULE TYPE: oligonucleotide
134
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
136
137 AAGCTTGGAG AACCAGCGGT TACCATGGAG GGGATC 36
138
139 (2) INFORMATION FOR SEQ ID NO:7:
140
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 30 nucleotides
143 (B) TYPE: nucleic acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) MOLECULE TYPE: oligonucleotide
148
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
150
151 GTCTGAGTCT GAGTCAAGCT TGGAGAACCA 30
152

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153 (2) INFORMATION FOR SEQ ID NO:8:
154
155 (i) SEQUENCE CHARACTERISTICS:
156 (A) LENGTH: 41 nucleotides
157 (B) TYPE: nucleic acid
158 (C) STRANDEDNESS: single
159 (D) TOPOLOGY: linear
160
161 (ii) MOLECULE TYPE: oligonucleotide
162
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
164
165 CTCGAGCATC TGTGTTAGCT GGAGTGAAAA CTTGAAGACT C 41
166
167 (2) INFORMATION FOR SEQ ID NO:9:
168
169 (i) SEQUENCE CHARACTERISTICS:
170 (A) LENGTH: 30 nucleotides
171 (B) TYPE: nucleic acid
172 (C) STRANDEDNESS: single
173 (D) TOPOLOGY: linear
174
175 (ii) MOLECULE TYPE: oligonucleotide
176
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
178
179 GTCTGAGTCT GAGTCCTCGA GCATCTGTGT 30
180
181 (2) INFORMATION FOR SEQ ID NO:10:
182
183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 32 nucleotides
185 (B) TYPE: nucleic acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear
188
189 (ii) MOLECULE TYPE: oligonucleotide
190
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
192
193 AAGCTTCAGA GAGAAGCCGG GATGGAAACT CC 32
194
195 (2) INFORMATION FOR SEQ ID NO:11:
196
197 (i) SEQUENCE CHARACTERISTICS:
198 (A) LENGTH: 30 nucleotides
199 (B) TYPE: nucleic acid
200 (C) STRANDEDNESS: single
201 (D) TOPOLOGY: linear
202
203 (ii) MOLECULE TYPE: oligonucleotide
204
205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

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206
207 GTCTGAGTCT GAGTCAAGCT TCAGAGAGAA 30
208
209 (2) INFORMATION FOR SEQ ID NO:12:
210
211 (i) SEQUENCE CHARACTERISTICS:
212 (A) LENGTH: 32 nucleotides
213 (B) TYPE: nucleic acid
214 (C) STRANDEDNESS: single
215 (D) TOPOLOGY: linear
216
217 (ii) MOLECULE TYPE: oligonucleotide
218
219 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
220
221 CTCGAGCTGA GTCAGAACCC AGCAGAGAGT TC 32
222
223 (2) INFORMATION FOR SEQ ID NO:13:
224
225 (i) SEQUENCE CHARACTERISTICS:
226 (A) LENGTH: 30 nucleotides
227 (B) TYPE: nucleic acid
228 (C) STRANDEDNESS: single
229 (D) TOPOLOGY: linear
230
231 (ii) MOLECULE TYPE: oligonucleotide
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
234
235 GTCTGAGTCT GAGTCCTCGA GCTGAGTCAG 30
236
237 (2) INFORMATION FOR SEQ ID NO:14:
238
239 (i) SEQUENCE CHARACTERISTICS:
240 (A) LENGTH: 32 nucleotides
241 (B) TYPE: nucleic acid
242 (C) STRANDEDNESS: single
243 (D) TOPOLOGY: linear
244
245 (ii) MOLECULE TYPE: oligonucleotide
246
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
248
249 AAGCTTCAGT ACATCCACAA CATGCTGTCC AC 32
250
251 (2) INFORMATION FOR SEQ ID NO:15:
252
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 30 nucleotides
255 (B) TYPE: nucleic acid
256 (C) STRANDEDNESS: single
257 (D) TOPOLOGY: linear
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SEQUENCE VERIFICATION REPORT
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Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: Not Yet Known